

07/25/03  
17581 U.S. PTO**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)***(Only for new nonprovisional applications under 37 CFR 1.53(b))*Docket No.  
8365/90247; BRK 0393Total Pages in this Submission  
111**TO THE COMMISSIONER FOR PATENTS**Mail Stop Patent Application  
P.O. Box 1450  
Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**Carbon Monoxide and Smoke Detection Apparatus**

and invented by:

**Derek Scott Johnston and Vincent J. Delia**If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:☒ **Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.: 10/008,671

Which is a:

☒ **Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.: 09/058,467Which is a: utility which claims the filing date of provisional☐ **Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.: 60/055,009

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 49 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☒ Cross References to Related Applications *(if applicable)*
  - c. ☐ Statement Regarding Federally-sponsored Research/Development *(if applicable)*
  - d. ☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings *(if filed)*
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

2212 U.S. PTO  
10/628092

07/25/03

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

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111

**Application Elements (Continued)**

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal                      Number of Sheets                      38
- b. ☐ Informal                      Number of Sheets                      \_\_\_\_\_
4. ☒ Oath or Declaration
- a. ☐ Newly executed *(original or copy)*                      ☐ Unexecuted
- b. ☒ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney                      ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☒ Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under  
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. ☒ Application Data Sheet (See 37 CFR 1.76)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statement(s) Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

9. ☐ Assignment Papers *(cover sheet & document(s))*
10. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
11. ☐ English Translation Document *(if applicable)*
12. ☒ Information Disclosure Statement/PTO-1449                      ☒ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☐ Certificate of Mailing
- ☐ First Class                      ☒ Express Mail *(Specify Label No.):* EV 337 103 125 US

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.  
8365/90247; BRK 0393

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**Accompanying Application Parts (Continued)**

17. ☒ Additional Enclosures *(please identify below)*:

1. Change of Correspondence Address Pursuant to 37 CFR 1.33; and
2. Petition to Make Special Pursuant to 37 CFR, Section 1.102

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

18. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

***Warning***

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
8365/90247; BRK 0393

Total Pages in this Submission  
111

## Fee Calculation and Transmittal

### CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	28	- 20 =	8	x \$18.00	\$144.00
Indep. Claims	4	- 3 =	1	x \$84.00	\$84.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$750.00
OTHER FEE (specify purpose) <u>Petition to Make Special Pursuant to 37 CFR Sec. 1,102</u>					\$130.00
TOTAL FILING FEE					\$1,108.00

- ☒ A check in the amount of \$1,108.00 to cover the filing fee is enclosed.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 23-0920 as described below.
- ☐ Charge the amount of \_\_\_\_\_ as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Signature

Paul M. Vargo, Reg. No. 29,116  
Welsh & Katz, Ltd.  
120 South Riverside Plaza  
22nd Floor  
Chicago, Illinois 60606  
Ph. 312 655 1500, Ext. 401  
Fax 312 655 1501

Dated: July 25, 2003

cc:

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

**"Express Mail" Mailing Label Number** EV 337 103 125 US

**Date of Deposit:** July 25, 2003

I hereby certify that this correspondence is being deposited with the United States Postal  
"Express Mail Post Office to Addressee" service under 37 CFR 1.10(c) on the date indicated  
above and is addressed to:

**Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

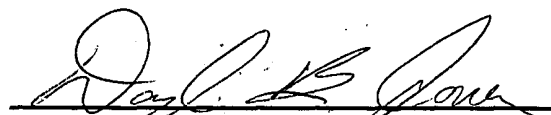
**Applicants:** Derek Scott Johnston and Vincent J. Delia  
BRK-P-0393 - 8366/90247

**Entitled:** Carbon Monoxide and smoke Detection Apparatus

**Serial No.** New Application for Filing

**Enclosed are the following documents:**

Utility Patent Application Transmittal (Large Entity) (4 pages) with Check No. 082333  
in the amount of \$1108.00 attached; Change of Correspondence Address  
Pursuant to 37CFR1.33; Petition To Make Special Pursuant To 37 CFR § 1.102;  
Preliminary Amendment - Continuation Application (7 pages) patent application  
consisting of 44 pages of specification, 4 pages of claims (21 claims), 1 page of the  
Abstract of the Disclosure, 38 sheets of formal drawings, a copy of an executed  
Declaration and Power of Attorney (3 pages); Application Data Sheet (2 pages); an  
Information Disclosure Statement (1 page) with form 1449 US Patents only (3 pages)  
fastened together with all patents listed; and a self-addressed, postage-prepaid post  
card for receipt by the Mail Room of the United States Patent Office.

  
\_\_\_\_\_  
Signature of person mailing documents

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Johnston et al	)
		)
Ser. No.:	Continuation of SN 10/008,671	)
		)
Filed:	July 25, 2003	)
		)
Title:	Carbon Monoxide and Smoke	)
	Detection Apparatus	)
		)
Group Art Unit:	Not Assigned	)
		)
Examiner:	Not Assigned	)
		)
Docket No.:	8365/90247 (BRK-P-0393 US)	)
		)
		)

**CHANGE OF CORRESPONDENCE ADDRESS**  
**PURSUANT TO 37 CFR 1.33**

MS - Correspondence Change  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

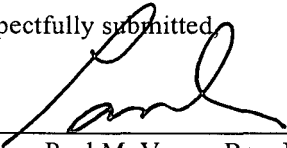
Dear Sir:

Undersigned attorney is hereby advising the United States Patent Office of a change in correspondence address in the above-identified application. All correspondence should be addressed to Paul M. Vargo at the following law firm:

WELSH & KATZ, LTD.  
120 South Riverside Plaza, 22<sup>nd</sup> Floor  
Chicago, Illinois 60606  
(312) 655-1500 (telephone)  
(312) 655-1501 (facsimile)  
FIRM CUSTOMER NO. 24628

Respectfully submitted,

BY

  
Paul M. Vargo, Reg. No. 29,116

WELSH & KATZ, LTD.  
120 South Riverside Plaza, 22<sup>nd</sup> Floor  
Chicago, Illinois 60606  
(312) 655-1500